



Patent
Attorney's Docket No. 030681-361

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Sung-jin KIM et al.)	Group Art Unit: Unassigned
)	
Application No.: 10/080,655)	Examiner: Unassigned
)	
Filed: February 25, 2002)	
)	
For: ENCODING METHOD AND)	
APPARATUS OF DEFORMATION)	
INFORMATION OF 3D OBJECT)	

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Technology Center 2600

SECOND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination on the merits, please amend the above-identified patent application as follows:

IN THE SPECIFICATION:

Kindly amend the specification as follows:

Kindly replace the paragraph beginning at Page 10, line 17, as follows:

Thus, position values of vertices to be encoded in the encoding apparatus 200 are converted to differential values in order to remove spatiotemporal data redundancy, and input to the quantization unit 230. The quantization unit 230 adjusts the expression precision degree of key value data with respect to quantization size values so as to provide actual data compression effects in step 2300. Quantized result values (Q^k , Q^{kv}) are input to both the ADPCM processing unit 220 and the entropy encoding unit 235. The entropy encoding unit 235 removes bit redundancy in the quantized values, using the probability of bit symbol occurrence, and generates a final bit stream 240 in step 2350.



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AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 (248) ☐ \$110.00 (148) to cover the requisite Government fee are also enclosed.
- ☐ Also enclosed is _____
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$370.00 (279) ☐ \$740.00 (179) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted ___, on ___, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least ___, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- ☒ No additional claim fee is required.

☐ An additional claim fee is required, and is calculated as shown below:

A M E N D E D C L A I M S					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims		MINUS =		× \$18.00 (103) =	
Independent Claims		MINUS =		× \$84.00 (102) =	
If Amendment adds multiple dependent claims, add \$280.00 (104)					
Total Amendment Fee					
If small entity status is claimed, subtract 50% of Total Amendment Fee					
TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT					


☐ A claim fee in the amount of \$_____ is enclosed.

☐ Charge \$_____ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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By: 
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